

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-15. (Canceled)

16. (Previously Presented) An isolated *Aquifex* delta prime subunit of a DNA polymerase III-type enzyme, the isolated delta prime subunit comprising the amino acid sequence of SEQ ID NO: 126.

17. (Previously Presented) A clamp loader complex comprising the *Aquifex* delta prime subunit according to claim 16.

18. (Previously Presented) A DNA polymerase III-type enzyme complex comprising the clamp loader complex according to claim 17.

19. (Previously Presented) A kit comprising:
a container that contains therein either a deoxynucleoside triphosphate or a dideoxynucleoside triphosphate; and
a container that contains therein the DNA polymerase III-type enzyme complex according to claim 18.